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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>DBT006PCTUS1</b> U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/541640</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US03/40051</b>	INTERNATIONAL FILING DATE <b>11 NOV. 2003</b>	PRIORITY DATE CLAIMED <b>7 JAN. 2003</b>
TITLE OF INVENTION <b>SYSTEMS AND METHODS FOR PORTABLE AUDIO SYNTHESIS</b>		
APPLICANT(S) FOR DO/EO/US <b>GEORGES, ALAIN; DAMEVSKI, VOLT; BLAIR, PETER M.; LAFFITTE, CHRISTIAN; WENZINGER, YVES</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>UNSIGNED</b> 10. <input type="checkbox"/> An English language translation of the annexes of the international Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/541640</b>		INTERNATIONAL APPLICATION NO. <b>PCT/us/03/40051</b>		ATTORNEY'S DOCKET NUMBER <b>DBT006 PCTUS1</b>	
20. Other items or information:					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	<b>300 -</b>
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$	<b>200 -</b>
All other situations..... \$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$	<b>100 -</b>
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations..... \$500					
TOTAL OF 21, 22 and 23 =					<b>600 -</b>
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
<b>213</b> 100 =	<b>113</b> /50 =		x \$250	\$	<b>750 -</b>
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	<b>8</b> - 20 =	<b>-</b>	x \$ 50	\$	
Independent claims	<b>4</b> - 3 =	<b>1</b>	x \$200	\$	<b>200</b>
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	<b>1550 -</b>
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$	<b>775 -</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	<b>775 -</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	<b>775 -</b>
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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 50-0251 in the amount of \$ 775- to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0251. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

LOUDERMILK + ASSOCIATES  
PO Box 3607  
LOS ALTOS, CA 94024-0607  
PHN: 408-868-1516  
FAX: 408-868-1517

SIGNATURE

ALAN R. LOUDERMILK

NAME

32,788

REGISTRATION NUMBER

EXPRESS MAIL ET521623353US

I HEREBY CERTIFY THAT THE FOREGOING IS BEING SUBMITTED  
TO THE US PATENT OFFICE ON 7/6/05 VIA EXPRESS MAIL.

*[Signature]*

10/541640

JC14 nec'd PCT/PTO 06 JUL 2005

TRANSMITTAL LETTER TO THE  
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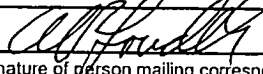
Date	25 NOVEMBER 2003
International Application No.	
Attorney Docket No.	DBT006.PCT

## I. Certification under 37 CFR 1.10 (if applicable)

EL 946383297US
Express Mail mailing number

25 NOVEMBER 2003
Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.


Signature of person mailing correspondence

Alan R. Loudermilk
Typed or printed name of person mailing correspondence

II. ☒ New International Application

TITLE	SYSTEMS AND METHODS FOR PORTABLE AUDIO SYNTHESIS
-------	-----------------------------------------------------

Earliest priority date (Day/Month/Year)
07/01/03

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.  
 B. ☐ There is no prior U.S. application relating to this invention.  
 C. ☐ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.	10/337,753	filed on	7 JANUARY 2003
application no.		filed on	

- D. ☐ The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages FIGS. 16B, 5, 63-76 and ☒ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15.

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is (are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response  
 B. ☐ A Power of Attorney (General or Regular)  
 C. ☐ Replacement pages:

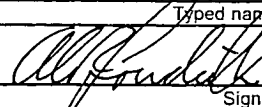
pages		of the request (PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

- D. ☐ Submission of Priority Documents

Priority document		Priority document	
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- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing DisketteV. ☐ Other (please specify):

The person signing this form is the:	<input type="checkbox"/> Applicant	ALAN R. Loudermilk Typed name of signer  Signature
	<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.) 32,788	
	<input type="checkbox"/> Common Representative	

2/10

JC04 Rec'd PCT/PTO 06 JUL 2005 DBTD06 PCTUS4

Patent & Trademark Office Acknowledgement

S/N: PCT/US03/40051 File No.: DET000075 Mailed by: APL Date Mailed: 7/6/05  
Title: SYSTEMS + METHODS FOR PORTABLE AUDIO SYNTHESIS  
Client Name: \_\_\_\_\_

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70 pgs. 69 SR

☒ Patent Application (PCT 371 Filing) Drawings, # of Sheets 69 Formal SR Informal  
☒ Amendment  
☒ Transmittal Letter (3 pp) Request for Extension of Time  
☐ Fee Transmittal + copy Transmittal Letter ( )  
☐ Assign; Rec. Cover Sheet + copy Issue Fee Payment Transmittal  
☒ Declaration & Power of Atty. us 400 Advance Soft Copy Order of Patents  
☐ Info. Disclosure Statement Patent/Publication References  
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☒ Other: (1) 10 SHEETS ORIGINAL PCT FILING DOCUMENTS  
(2) PCT GENERAL POWER OF ATTORNEY  
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10/541640

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PCT PATENT APPLICATION  
Patent & Trademark Office Acknowledgement

S/N: \_\_\_\_\_ File No.: DBT006.PCT Mailed by: AK Date Mailed: 11/25/03  
Title SYSTEMS+METHODS FOR PORTABLE AUDIO SYNTHESIS  
Client Name: DBT/MADWAVES

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<input checked="" type="checkbox"/> Patent Application	<input checked="" type="checkbox"/> Drawings, # of Sheets _____
<input type="checkbox"/> Amendment	<input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal
<input type="checkbox"/> Utility Transmittal Letter	<input type="checkbox"/> Request for Extension of Time
<input checked="" type="checkbox"/> Fee Transmittal + copy	<input checked="" type="checkbox"/> Transmittal Letter (_____)
<input type="checkbox"/> Assign; Rec. Cover Sheet +copy	<input type="checkbox"/> Issue Fee Payment Transmittal
<input type="checkbox"/> Declaration & Power of Atty.	<input type="checkbox"/> Advance Soft Copy Order of Patents
<input type="checkbox"/> Info. Disclosure Statement	<input type="checkbox"/> Patent/Publication References
<input type="checkbox"/> PTO Form 1449	<input type="checkbox"/> PTO Form 1083
<input checked="" type="checkbox"/> Other: (1) <u>PCT REQUEST</u>	
(2) _____	
(3) _____	

PCT PATENT APPLICATION  
Patent & Trademark Office Acknowledgement

S/N: \_\_\_\_\_ File No.: DBT006.PCT Mailed by: AK Date Mailed: 11/25/03  
Title SYSTEMS+METHODS FOR PORTABLE AUDIO SYNTHESIS  
Client Name: DBT/MADWAVES

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<input type="checkbox"/> Amendment	<input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal
<input type="checkbox"/> Utility Transmittal Letter	<input type="checkbox"/> Request for Extension of Time
<input checked="" type="checkbox"/> Fee Transmittal + copy	<input checked="" type="checkbox"/> Transmittal Letter (_____)
<input type="checkbox"/> Assign; Rec. Cover Sheet +copy	<input type="checkbox"/> Issue Fee Payment Transmittal
<input type="checkbox"/> Declaration & Power of Atty.	<input type="checkbox"/> Advance Soft Copy Order of Patents
<input type="checkbox"/> Info. Disclosure Statement	<input type="checkbox"/> Patent/Publication References
<input type="checkbox"/> PTO Form 1449	<input type="checkbox"/> PTO Form 1083
<input checked="" type="checkbox"/> Other: (1) <u>PCT REQUEST</u>	
(2) _____	
(3) _____	

PCT/US 03/40051

DT12 Rec'd PCT/PTO 25 NOV 2003

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